

FIG. 9A

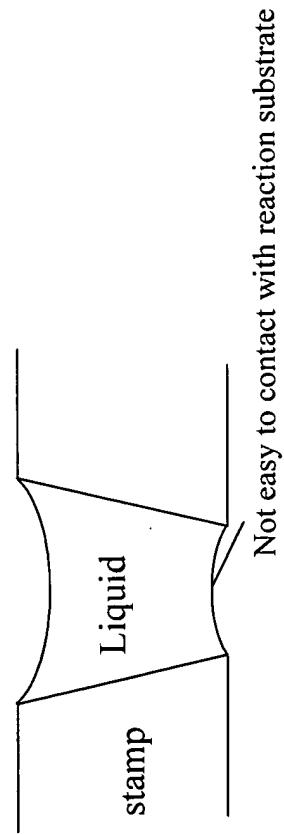


FIG. 9B

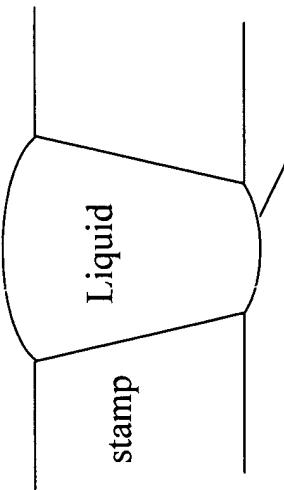
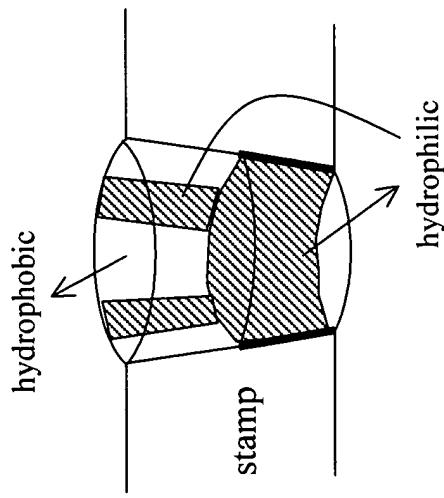


FIG. 9C



partial hydrophilic and hydrophobic surface as the left side; or the surface can be switched into hydrophilic or hydrophobic as desired

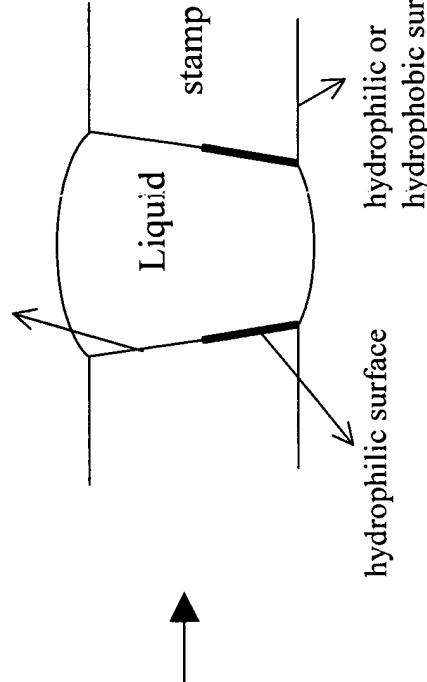


FIG. 9D

hydrophilic or hydrophobic surface

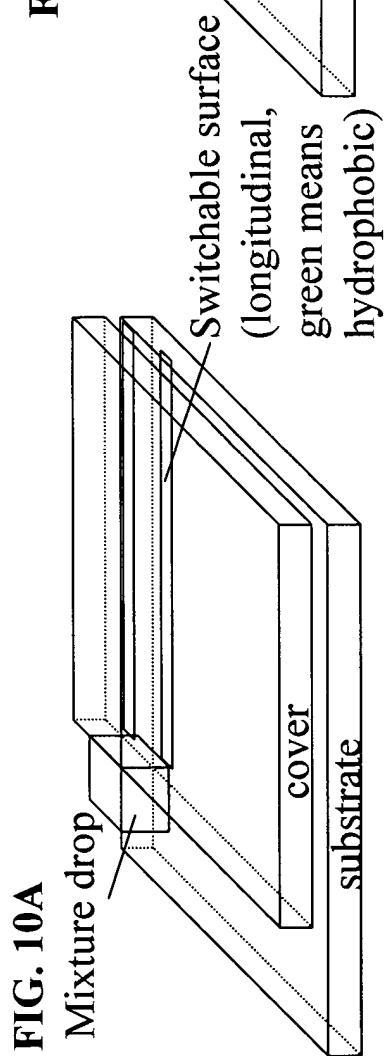


FIG. 10B

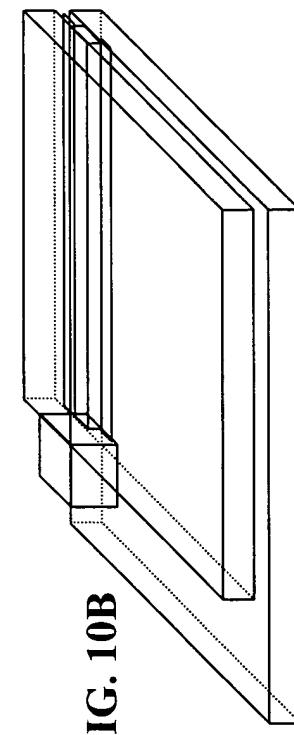


FIG. 10C

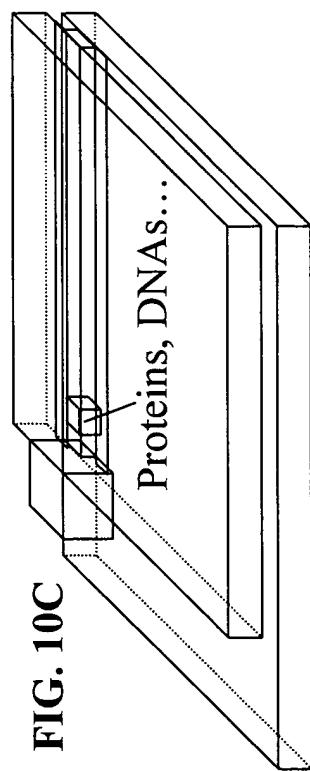


FIG. 10F

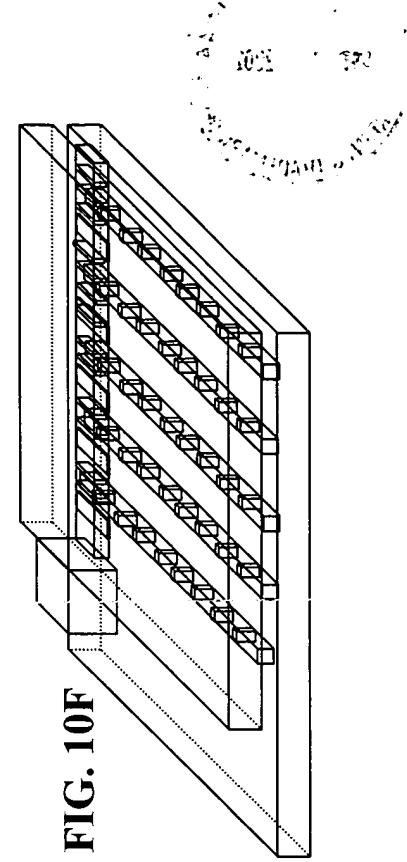


FIG. 10E

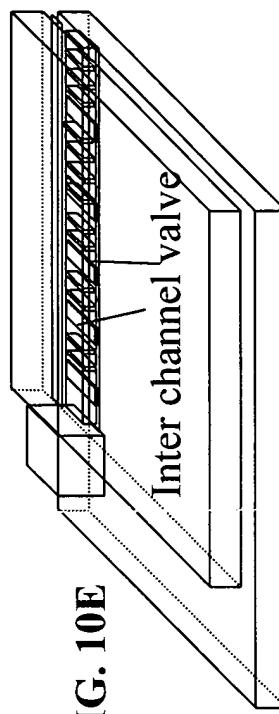
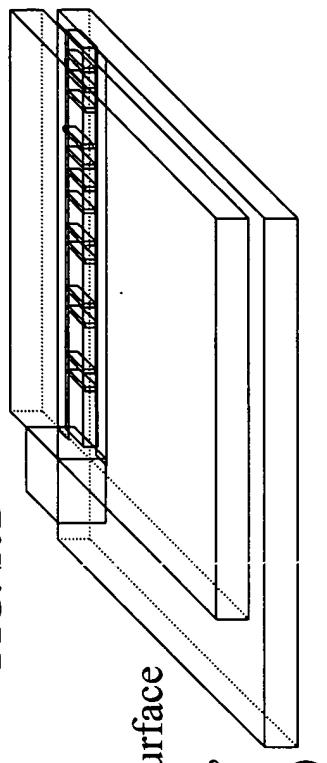


FIG. 10D



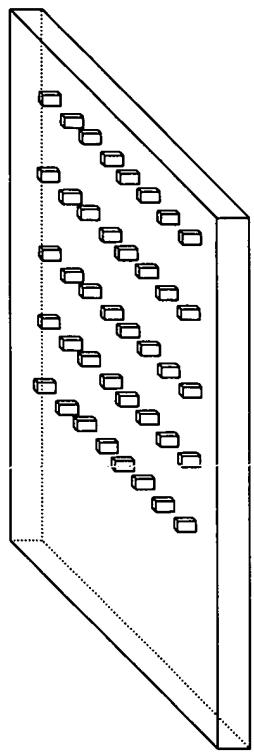


FIG. 11B

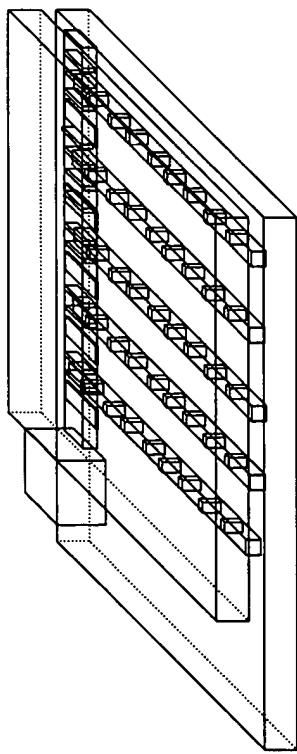


FIG. 11A

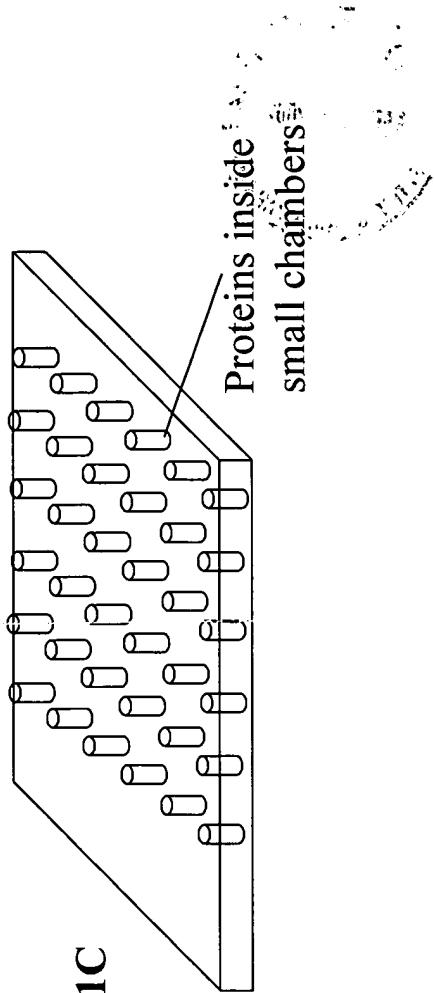


FIG. 11C